MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
990
.L4
M6
1946

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

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WEATHER BUREAU

JANUARY 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to OC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.6	65.4	66.1	65.7	16.2	12.5	15.4	15.0	13.9	13.8
2	6.3	4.7	4.8	5.3	17.9	12.3	15.0	17.3	14.4	15.6
3	4.3	2.6	3.2	3.4	16.5	12.2	14.0	16.7	14.3	15.0
4	3.8	3.3	4.5	3.9	16.7	11.8	14.3	16.6	15.4	15.4
5	5.6	5.1	6.6	5.8	17.4	12.3	14.3	17.1	13.7	15.0
6	67.7	65.9	66.6	66.7	17.2	13.1	14 9	16.2	14.2	15.1
7	5·8	3.7	3.5	4.3	18.2	14.0	14.8	18.0	14.4	15.7
8	0.3	58.5	57.9	58.9	18.2	9.1	18.3	14.6	12.3	15.1
9	58.8	9.3	62.0	60.0	16.6	11.4	11.8	14.5	13.6	13.3
10	63.1	62.8	4.3	3.4	16.7	10.7	14.5	15.7	12.3	14.2
11	66.8	66.7	67.9	67.1	16.4	11.9	12.8	15.4	12.8	13.7
12	8.6	7.2	8.2	8.0	16.8	11.4	14.0	16.2	13.0	14.4
13	8.7	7.7	7.6	8.0	16.8	11.7	14.1	14.5	13.8	14.1
14	5.5	3.6	3.2	4.1	17.8	13.9	14.1	17.8	14.8	15 6
15	3.4	2.9	4.7	3.7	18.3	13.8	15.7	17.7	15.0	16.1
16	67.5	67.3	68.2	67.7	17.8	12.3	15.3	17.3	14.3	15.6
17	9.8	8.2	8.3	8.8	16.7	12.1	14.4	16.0	12.8	14.4
18	6.6	3.9	4.0	4.8	17.2	11.6	14.6	17.2	13.9	15.2
19	5.2	4.5	5.4	5.0	14.0	10.1	12.7	13.9	11.7	12.8
20	6.1	4.8	5.5	5.5	15.6	10.6	13.3	15.6	12.3	13.7
21	67.1	66.3	67.1	66.8	16.6	11.8	12.8	16.4	13.8	14.3
22	6.4	4.6	5.9	5.6	15.6	9.3	14.2	14.2	13.7	14.0
23	7.4	5.7	7.3	6.8	11.6	7.4	10.4	11.6	10.1	10.7
24	7.2	5.7	6.3	6.4	14.8	9.6	11.7	14.5	11.3	12.5
25	5.9	4.2	4.4	4.8	15.3	9.6	12.8	14.8	11.7	13.1
26	63.9	63.2	64.9	64.0	14.5	8.4	11.8	13.9	12.4	12.7
27	6.3	4.9	5.4	5.5	13.3	9.8	11.4	13.3	10.4	11.7
28	2.0	1.4	0.1	1.2	15.3	11.2	12.9	15.3	12.9	13.7
29	59.0	57.2	57.7	58.0	17.1	13.1	14.4	17.1	13.4	15.0
30	7.6	6.7	7.8	7.4	16.3	10.8	14.9	14.0	12.3	14.0
31	9.1	9.6	61.8	60.2	15.3	10.6	13.2	15.3	12.1	13.5
	65.10	63.79	64.55	64.41	16.10	10.98	13.83	15.63	13.10	14.16

Barometer, range for month 756.7 – 769.8 mm.

,, 62-yr. average for month 763.36 mm.

Thermometer, range for month 7.4° – 18 3°C

,, 62-yr. average for month 13.72° C.

Rain, total for month 115.32 m.m.

,, 62-yr. average for month 183.90 m.m.

,, Total, Sept. 1st. to end of month 400.05 mm.

,, 62-yr. average, Sept. 1st. to end of month 554.23 mm.

JANUARY 1945

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	10.2	10.8	10.3	10.4	79	86	87	84	0.3	795.0	31.24
2	10.6	9.7	10.7	10.3	84	66	87	79	0.6	248.0	15.75
3	10.3	9.1	10.0	9.8	87	65	82	78	6.0	106.0	2.03
4	9.4	12.6	8.9	10.3	77	72	68	72	7.1	156.0	1.02
5	8.3	9.7	8.8	8.9	68	67	75	70	8.2	132.0	
6	8.5	10.2	8.9	9.2	68	75	74	72	9.0	499.0	
7	9.0	10.1	9.1	9.4	72	65	75	71	6.7	106.0	
8	9.4	11.1	9.6	10.0	59	90	90	80	0.0	512.0	
9	8.9	7.8	8.0	8.2	87	64	68	73	4.8	687.0	
10	8.7	7.6	8.3	8.2	70	57	78	68	7.0	596.0	
11	7.7	7.6	7.2	7.5	70	59	65	65	6.0	217.0	
12	8.3	8.9	7.9	8.4	69	66	71	69	9.3	158.0	
13	7.2	9.6	9.0	8.6	61	77	77	72	9.5	478.0	37.34
14	8.1	10.0	9.7	9.3	67	66	78	70	2.8	198.0	20.32
15	9.4	9.7	9.6	9.6	71	65	76	71	4.0	310.0	3.56
16	9.6	11.2	10.0	10.3	74	76	82	77	6.5	225.0	
17	10.0	9.3	8.8	9.4	81	69	80	77	9.0	190.0	
18	8.7	10.0	7.7	8.8	70	68	65	68	9.5	1036.0	
19	6.0	7.3	7.0	6.8	55	62	69	62	9.5	470.0	
20	7.6	8.1	7.5	7.7	66	62	71	66	9.3	384.0	0.51
21	7.0	9.7	8.7	8.5	64	70	74	69	8.7	330.0	
22	7.1	10.3	8.3	8.6	59	85	71	72	2.1	125.0	
23	5.1	4.6	4.9	4.9	56	46	54	52	9.4	850.0	
24	5.8	6.6	6.3	6.2	57	54	63	58	9.3	747.0	
25	6.6	7.6	6.6	6.9	60	61	64	52	9.4	415.0	
26	7.0	6.1	5.4	6.2	69	52	51	57	9.5	914.0	
27	5.7	6.3	4.3	5.4	58	54	47	53	9.8	433.0	3.55
28	6.1	7.4	6.9	6.8	55	57	63	58	9.1	283.0	
29	7.3	8.5	7.7	7.8	59	59	67	62	9.6	328.0	
30	8.9	8.5	7.8	8.4	70	67	74	70	3.0	266.0	
31	8.2	8.3	6.9	7.8	72	65	66	68	7.8	369.0	
	8.08	8.84	8.09	8.34	68.1	63.4	71.3	68.5	6.86	441.80	3.72

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

JANUARY 1945

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10ni	9ni	8ni	9.0	2sw	1sw	3sw	rough	
2	10cu	10cu	10ni	10.0	0	1sw	1sw	slight	
3	8cu-ni	5cu	9cu-ni	7.3	0	1nw	0	,,	Tr. p.m.
4	2cu	8cu	9cu-ni	6.3	1sw	1sw	1nw	light	
5	10ci-st	0	0	3.3	0	1w	0	,,	
6	10ci	1ci	0	3.7	0	1w	0	light	
7	8ci-st	7cu	0	5.0	0	0	1w	,,	
8	10cu	10ni	10ni	10.0	2w	0	2w	slight	Tr. a. m.
9	10ni	6cu	1cu	5.7	2sw	4nw	2n	mod.	
10	10cu	8cu	2cu	6.7	0	2nw	1nw	slight	
11	8cu	0	9cu	5.7	1n	1n	0	slight	
12	7cu	1cu	1cu	3.0	0	1nw	0	,,	
13	0	0	0	0.0	0	1sw	0	light	
14	10cu	9ci-st	6ci	8.3	1w	0	0	calm	
15	10cu	8cu	10cu	9.3	1s	1sw	1sw	light	Tr. a.m.
16	10cu	10cu	1cu	7.0	0	1sw	0	slight	
17	1cu	0	0	0.3	0	1nw	0	,,	D. a.m.
18	0	2cu	2cu	1.3	0	1nw	4n	,,	G. at night
19	0	0	0	0.0	5n	2n	1n	,,	
20	1cu	3ci	0	1.3	1se	1n	1nw	,,	
21	9cu	1cu	2cu	4.0	1se	1sw	1sw	slight	
22	9cu-ni	10cu-ni	10ni-cu	9.7	1sw	1sw	4ne	light	
23	0	0	0	0.0	5ne	5n	4n	rough	
24	9ci-st	9cu-st	0	6.0	1ne	1n	0	slight	
25	0	0	0	0.0	0	2n	0	light	
26	0	0	0	0.0	0	3n	3n	slight	
27	0	10cu	0	3.3	2n	1w	1ne	mod.	
28	1ci	7cu-st	0	2.7	0	1ne	0	slight	
29	0	0	0	0.0	0	1w	1w	,,	
30	10cu	10cu	7cu	9.0	1nw	1w	0	light	Tr. p.m.
31	8cu	1cu	0	3.0	0	1w	0	,,	
				4.54					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	2	0	1	1	4	2	1	16	31
14:30	6	1	0	0	0	8	7	6	3	31
20:30	5	2	0	0	0	4	3	3	14	31
Totals	14	5	0	2	1	16	12	10	33	93

Number of days with rain 9, fog 0, thunderstorms 0, gale 22.

62 yr. av. days with rain during month 15.3 days